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1. Document ID: US 20070082396 A1

L4: Entry 1 of 4 File: PGPB Apr 12, 2007

DOCUMENT-IDENTIFIER: US 20070082396 A1
TITLE: Eleminating myoglobin from blood using iv filter

Brief Summary Text:
[0047] 2) That filter is easily administered (same method of introducing a central **cannula**) which is a routine procedure being already done in such cases.

Brief Summary Text:
[0054] As shown in FIG. 1, that filter is a rod consisting of a central axis of any suitable wire(1), sheathed by latex (2) coated with **antimyoglobin** antibodies(3).

Brief Summary Text:
[0055] It can be introduced to the I.J.V. through an opening made by a **cannula**(4). It should be introduced in the same procedure of opening I.V. line, before extrication of the victim.

Brief Summary Text:
[0057] It should be left in place until the **antimyoglobin** antibodies are saturated or until the danger is over, Then it should be removed.

Description of Disclosure:
[0061] 3) **Antimyoglobin** antibodies

Description of Disclosure:
[0062] 4) A **Cannula**

Description of Disclosure:
[0067] Also **antimyoglobin** antibodies are already available in the market for various uses.

CLAIMS:

2. The filter according to claim 1 which is coated with **antimyoglobin** antibodies of any suitable type.

6. The filter according to the claims 1-5, where its way of introduction & retrieval is not more difficult than introducing a central venous **cannula** which is currently a routine procedure in such cases.

2. Document ID: US 5750695 A

L4: Entry 2 of 4 File: USPT May 12, 1998

DOCUMENT-IDENTIFIER: US 5750695 A
TITLE: Antiparasitic paraherquamides

Detailed Description Text (114):
The crude 17-ketomarcfortine A (5 g, 10.2 mmol) is added via a **cannula** in THF (150 mL) at -78.degree. C. to an LDA solution which was prepared by adding n-BuLi (1.6M, 24.8 mL, 0.04 mol) dropwise to diisopropyl amine (5.7 mL, 0.041 mol) at 0.degree. C. in THF (100 mL). The reaction mixture is allowed to slowly warm to -50.degree. C. over one hour. The resulting turbid red-brown mixture is then treated with phenyl disulfide (4.4 g, 0.02 mol). The reaction is immediately quenched with saturated sodium bicarbonate solution (100 mL) and extracted with methylene chloride (CH.sub.2 Cl.sub.2, 300 mL). The organic phase was dried (MgSO.sub.4), concentrated (8 g), and chromatographed on silica gel (120 g, 60% ethyl acetate/hexane as eluant) to yield the the title compound as an off white solid (4.4 g, 61% from marcfortine A). FAB-MS 708 (M.sup.+ +H); .sup.1 H NMR (300 MHz, CDCl.sub.3) .delta.7.74 (s, 1H), 7.71 (d, 2H), 7.64 (d, 2H), 7.45-7.30 (m, 6H), 6.81 (d, 1H), 6.72 (d, 1H), 6.32 (d, 1H), 4.91 (d, 1H), 3.70 (q, 2H), 3.16 (t, 1H), 3.01 (s, 3H), 2.75 (d, 1H), 2.53 (dt, 1H), 2.35 (dt, 1H), 2.15-1.50 (m, 5H), 1.47 (s, 3H), 1.45 (s, 3H), 1.06 (s, 3H), 0.82 (s, 3H).

Other Reference Publication (7):
Liesch, J.M., et al., J. **Antib.**, 43, pp. 1380-1386 (1990).

Other Reference Publication (8):
Blanchflower, S.E., et al., J. **Antib.**, 44, pp. 492-497 (1991).

3. Document ID: US 5703078 A

L4: Entry 3 of 4 File: USPT Dec 30, 1997

DOCUMENT-IDENTIFIER: US 5703078 A
TITLE: Antiparasitic marcfortines and paraherquamides

Detailed Description Text (112):
The crude 17-ketomarcfortine A (5 g, 10.2 mmol) is added via a **cannula** in THF (150 mL) at -78.degree. C. to an LDA solution which was prepared by adding n-BuLi (1.6M, 24.8 mL, 0.04 mol) dropwise to diisopropyl amine (5.7 mL, 0.041 mol) at 0.degree. C. in THF (100 mL). The reaction mixture is allowed to slowly warm to -50.degree. C. over one hour. The resulting turbid red-brown mixture is then treated with

phenyl disulfide (4.4 g, 0.02 mol). The reaction is immediately quenched with saturated sodium bicarbonate solution (100 mL) and extracted with methylene chloride (CH.sub.2 Cl.sub.2, 300 mL). The organic phase was dried (MgSO.sub.4), concentrated (8 g), and chromatographed on silica gel (120 g, 60% ethyl acetate/hexane as eluant) to yield the the title compound as an off white solid (4.4 g, 61% from marcfortine A). FAB-MS 708 (M.sup.+ +H); .sup.1 H NMR (300 MHz, CDCl.sub.3) .delta. 7.74 (s, 1H), 7.71 (d, 2H), 7.64 (d, 2H), 7.45-7.30 (m, 6H), 6.81 (d, 1H), 6.72 (d, 1H), 6.32 (d, 1H), 4.91 (d, 1H), 3.70 (q, 2H), 3.16 (t, 1H), 3.01 (s, 3H), 2.75 (d, 1H), 2.53 (dt, 1H), 2.35 (dt, 1H), 2.15-1.50 (m, 5H), 1.47 (s, 3H), 1.45 (s, 3H), 1.06 (s, 3H), 0.82 (s, 3H).

Other Reference Publication (6):
Liesch, J. M., et al., J. **Antib.**, 43, pp. 1380-1386 (1990).

Other Reference Publication (7):
Blanchflower, S. E., et al., J. **Antib.**, 44, pp. 492-497 (1991).

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw D

4. Document ID: US 5543318 A

L4: Entry 4 of 4 File: USPT Aug 6, 1996

DOCUMENT-IDENTIFIER: US 5543318 A
TITLE: Method of isolation, culture and proliferation of human atrial myocytes

Drawing Description Text (15):
FIG. 14 is a light photomicrograph (.times.250) of cultured human adult atrial myocytes stained with **anti-myoglobin** immunoperoxidase stain.

Detailed Description Text (32):
Atrial tissue was obtained fresh from patients undergoing cardiovascular procedures requiring cardiopulmonary bypass. The right atrial appendage was removed to insert the venous bypass **cannula**. The appendage was placed immediately in cold Hank's Balanced Salt Solution (HBSS) without calcium or magnesium (Whittaker, Walkerville, Mass.). The tough epicardial layer was stripped from the appendage using sharp dissection. The remaining pure myocardial muscle was minced into small (0.5-1.0 mm.sup.3) pieces and rinsed in cold HBSS. The minced atrial tissue was partially digested in collagenase solution containing 25 cc HBSS; 10 cc Eagle's Minimal Essential Medium (EMEM) with Earle's Salts (Whittaker) containing 30% newborn calf serum (Whittaker) and 0.1% antibiotic solution (Gibco-10,000 units/cc Penicillin G, 10,000 .mu.g/cc Streptomycin and 25 .mu.g/cc Amphotericin B); and collagenase (Worthington, Freehold, N.J.) 1.43 mg/ml. After two hours of digestion in a shaker at 37.degree. C. at 125 rpm, the pieces were removed and placed in 35 mm dishes (Corning, Corning, N.Y.). All culture dishes were coated with 0.2% gelatin (Difco, Detroit, Mich.) and incubated overnight at 5.degree. C. prior to use. The explants were cultured in 2.2 cc EMEM at 37.degree. C. and 5% CO.sub.2. They were allowed to attach to the gelatin matrix. After attachment, the culture medium was changed every 3-5 days.

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw D

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MYOGLOBINS	192
((canula or cannula) and ((antib odies near5 myoglobin) or antimyoglobin or anti-myoglobin)).PGPB,USPT,UPAD.	4

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